

## Patent Abstracts of Japan

PUBLICATION NUMBER : 01166874  
PUBLICATION DATE : 30-06-89

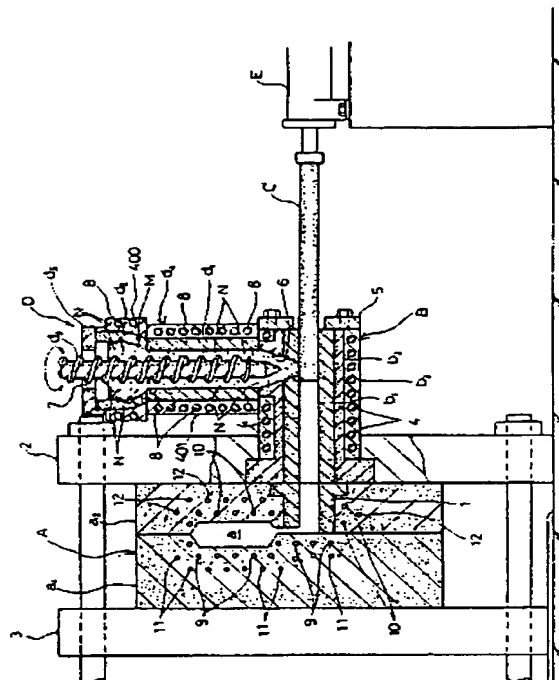
APPLICATION DATE : 21-12-87  
APPLICATION NUMBER : 62323599

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INT.CL. : B22D 17/22 B22D 17/20 B22D 17/30  
B22D 19/14

TITLE : CASTING DEVICE FOR COMPOSITE  
METAL PRODUCT



ABSTRACT : PURPOSE: To obtain a composite alloy product of excellent quality by mixing a mixture with stirring it uniformly into a liquidized base alloy and after making it in a sherbet state with its temp. control solidifying with its cooling by filling it by pressurizing into a ceramic made forming die.

CONSTITUTION: The base alloy M melted in a liquid state is fed into the storing container d<sub>2</sub> of the agitating device erected on the upper wall of a ceramic made sleeve B. In succession, a mixture N is input, a screw d<sub>3</sub> is rotated and the mixture N is uniformly mixed by its stirring into the liquid like alloy M. The mixture is subjected to temp. controlling by a temp. control body d<sub>4</sub>, made in a sherbet state at the entrance of the sleeve B, flowed into the sleeve B and solidified by its cooling by filling it by pressurizing into a ceramic made forming die A. The product of excellent quality uniformly dispersing the mixture is thus obt'd.

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